Highly Insulating Windows Cost Premium

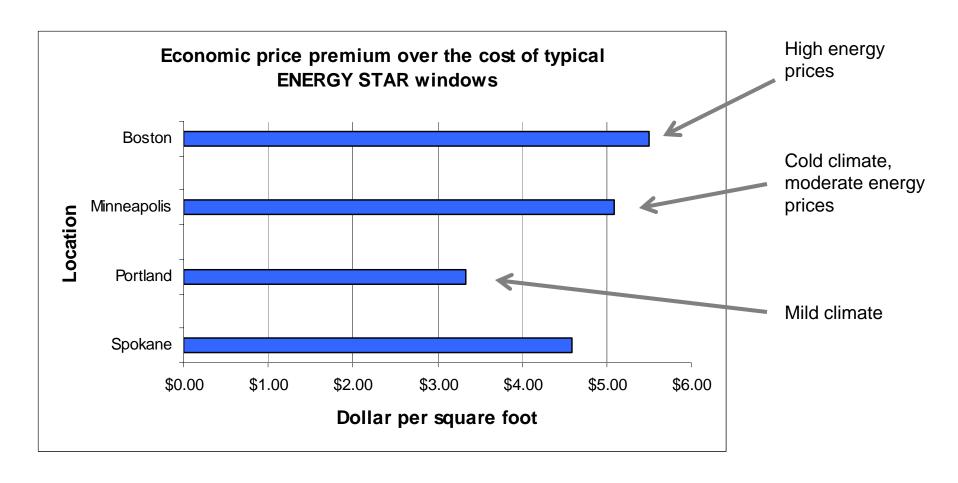
Nils Petermann

Alliance to Save Energy

Estimated annual savings with U-0.25/0.20 windows compared to typical ENERGY STAR windows (U-0.35)

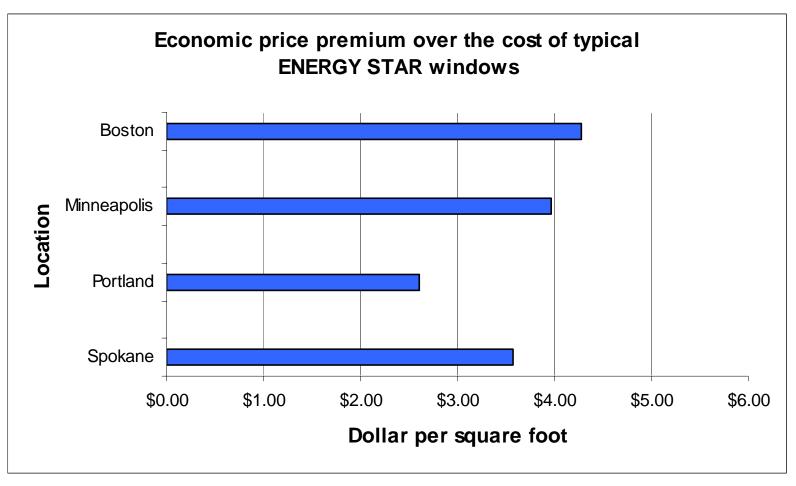
Location	U-factor	Saved therms	Saved kWh	\$ per therm	\$ per kWh	Saved \$
Boston	0.20	80	28	\$1.62	\$0.16	\$134
Minneapolis	0.20	106	40	\$1.13	\$0.09	\$124
Portland	0.20	60	18	\$1.33	\$0.08	\$81
Spokane	0.20	90	32	\$1.22	\$0.07	\$112

What's the maximum price premium at which highly-insulating windows are still economic?



5% annual discount rate, 25 years economic life

What's the maximum price premium at which highly-insulating windows are still economic?



8% annual discount rate, 25 years economic life

Taking the cost hurdle requires combined efforts

Building America demonstrations

High-performance specs in LEED for Homes & NGBS

Develop advanced utility program specs

Utility programs for advanced windows

